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INFORMATION DISC STATEMENT BY AF

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of Sheet 10

Complete if Known				
Application Number	09/723,713			
Filing Date	November 27, 2000			
First Named Inventor	Schenk			
Group Art Unit	1647			
Examiner Name	Unassigned			
Attorney Docket Number	15270J-004741US			

	U.S. PATENT DOCUMENTS								
Examiner Initials *	Cite No.1	U.S. Patent Document Number Kind Code² (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear				
	196	6,150,091	Pandolfo et al.	11-21-2000					
	1	6,057,367	Stamler et al.	05-02-2000					
	2	5,958,883	Snow	09-28-1999					
	3	5,955,317	Suzuki et al.	09-21-1999					
	4	5,955,079	Mond et al.	09-21-1999					
31	5	5,877,399	Hsiao et al.	03-02-1999					
	6	5,869,093	Weiner et al.	02-09-1999					
	7	5,869,054	Weiner et al.	02-09-1999					
	8	5,854,204	Findeis et al.	12-29-1998					
ਰ	9	5,851,996	Kline	12-22-1998					
	10	5,849,298	Weiner et al.	12-15-1998					
क्ष	11	5,837,473	Maggio e al.	11-17-1998					
	12	5,786,180	Konig et al.	07-28-1998					
	207	5,780,587	Potter	07-14-1998					
57	13	5,753,624	McMichael et al.	05-19-1998					
	14	5,750,349	Suzuki et al.	05-12-1998					
	197	5,744,368	Goldgaber et al.	04-28-1998					
	211	5,736,142	Sette et al.	04-07-1998					
	15	5,733,547	Weiner et al.	03-31-1998					
-	16	5,688,651	Solomon	11-18-1997					
51	17	5,679,348	Nesburn et al.	10-21-1997					
	18	5,645,820	Hafler et al.	07-08-1997					
	19	5,641,474	Hafler et al.	06-24-1997					
	20	5,641,473	Hafler et al.	06-24-1997					
51	21	5,612,486	McConlogue et al.	03-18-1997					
67	22	5,605,811	Seubert et al.	02-25-1997					
	23	5,585,100	Mond et al.	12-17-1996					
	24	5,571,500	Hafler et al.	11-05-1996					
	25	5,571,499	Hafler et al.	11-05-1996					
	175	5,441,870	Seubert, et al.	08-15-1995					
	26	5,434,170	Andrulis, Jr.	07-18-1995					
	27	5,387,742	Cordell	02-07-1995					
	181	5,270,165	Van Nostrand et al.	12-14-1993					
	28	5,231,000	Majocha et al.	07-27-1993					
5.	29	5,220,013	Ponte et al.	06-15-1993					
ग्र	30	5,208,036	Eppstein et al.	05-04-1993					
	31	5,192,753	McGeer et al.	03-09-1993					

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¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.

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INFORMATION DISCLOSURE STATEMENT BY ARREST

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Sheet 2 of 10

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Filing Date	November 27, 2000			
First Named Inventor	Schenk			
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Attorney Docket Number	15270J-004741US			

	32	5,187,153	Cordell et al.	02-16-93	
9	33	5,057,540	Kensil et al.	10-15-1991	
_	198	5,004,697	Pardridge	04-0201991	
55	34	4,666,829	Glenner et al.	05-19-1987	

				FOREIG	N PATENT DOCU	MENTS		
Examiner Initials*	Cite No. ¹	Fore Office ³	eign Patent Do Number ⁴	cument Kind Code ⁵ (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁸
	35	EΡ	911 036	A2		04-28-1999		
85	36	EP	868 918	A2		10-07-1998		
	37	EP	863 211	A1		09-09-1998		
	38	EP	845 270	A1		06-03-1998		
	39	ΕP	782 859	A1		07-09-1997		
	40	EP	683 234	A1		11-22-1995		
	41	EP	666 080	A1		08-09-1995		
	42	EP	652 962	B1		12-16-1998		
	43	EP	639 081	B1		11-03-1999		
DT	44	EP	613 007	A2		08-31-1994		
	45	EP	594 607	B1		08-27-1997		
	46	EP	561 087	B1		08-04-1999		
	47	EP	526 511	B1		05-28-1997		
	48	EP	506 785	B1		03-15-2000		
	49	EP	451 700	A1		10-16-1991		
	50	EP	440 619	B1		01-24-1996		
	51	EP	359 783	B1		11-29-1995		
4	52	EP	276 723	B1		12-08-1993		Yes
	187	EP	783 104	A1		07-09-1997		
	199	PCT	00/77178	A1		12-21-2000		
	188	PCT	00/43049	A1		07-27-2000		
	53	PCT	99/60024	A1		11-25-1999		
	54	PCT	99/60021	A2		11-15-1999		
	55	PCT	99/58564	A1		11-18-1999		
	56	PCT	99/06066	A2		02-11-1999		
88	57	PCT	99/27949	A1		. 06-10-1999		
<u> </u>	58	PCT	99/27944	A1		06-10-1999		
51	59	PCT	99/27911	A1		06-10-1999		
<u> </u>	203	PCT	99/00150	A2		01-07-1999		
45"	60	PCT	98/44955	A1		10-15-1998		
	61	PCT	98/07850	A2		02-26-1998		

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Group Art Unit	1647			
Examiner Name	Unassigned			
Attorney Docket Number	15270J-004741US			

			07/04700	A4	06-19-1997		
	202	PCT	97/21728	A1	***************************************		
55	62	PCT	97/17613	A1	05-15-1997		
	63	PCT	96/39176	A1	12-12-1996		
	208	PCT	96/28471	<u>A1</u>	09-19-1996		
	64	PCT	96/25435	<u>A1</u>	08-22-1996		
	65	PCT	96/18900	A1	06-20-1996		
	66	PCT	95/31996	A1	11-30-1995		
	200	PCT	95/12815	A1	05-11-1995		
35	67	PCT	95/11994	A1	05-04-1995		
48	68	PCT	95/11311	A1	04-27-1995		
28	69	PCT	95/05853	A1	03-02-1995		
	70	PCT	95/04151	A2	02-09-1995		
	201	PCT	94/28412	A1	12-08-1994		
	71	PCT	94/03615	A1	02-17-1994		
8	72	PCT	94/01772	A1	01-20-1994		
	73	PCT	93/21950	A1	11-11-1993	· .	
	74	PCT	93/16724	A1	09-02-1993		
·	75	PCT	93/15760	A1	08-19-1993		
	76	PCT	93/14200	A1	07-22-1993		
1	205	PCT	93/04194	A1	03-04-1993		
	77	PCT	93/02189	A1	02-04-1993		
6 T	78	PCT	92/13069	A1	08-06-1992		
	79	PCT	92/06708	A1	04-30-1992		
	80	PCT	92/06187	A1	04-16-1992		
	81	PCT	91/19810	A1	12-26-1991		-
	82	PCT	91/16819	A1	11-14-1991		
	83	PCT	91/12816	A1	09-05-1991		
	84	PCT	91/08760	A1	06-27-1991		
	85	PCT	90/12871	A1	11-01-1990		
	86	PCT	90/12870	A1	11-01-1990		
	87	PCT	89/01343	A1	02-23-1989		
	88	PCT	89/06242	A1	07-13-1989		
 	89	PCT	89/06689	A1	07-27-1989		
T	90	PCT	89/03687	A1	05-05-1989		
	91	PCT	88/10120	A1	12-29-1988		
	92	GB	2 220 211	Α	01-04-1990		
	93	GB	2 335 192	Α	09-15-1999		

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Application Number 09/723,713

Filing Date November 27, 2000

First Named Inventor Schenk

Group Art Unit 1647

Examiner Name Unassigned

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Sheet 4 of 10 Attorney Docket Number 15270J-004741US

		OTHER PRIOR ART NON PATENT LITERATURE DOCUMENTS	
Examiner Initials *	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	Т
· .	94	ANDERSEN et al., "Do nonsteroidal anti-inflammatory drugs decrease the risk for Alzheimer's disease?," Neurology, 45:1441-1445 (1995).	
	95	Associated Press, "Immune cells may promote Alzehimer's, a study finds," The Boston Globe (4/13/95).	_
	96	BAUER et al., "Interleukin-6 and α-2-macroglobulin indicate an acute-phase state in Alzheimer's disease cortices," <u>FEBS Letters</u> , 285(1):111-114 (1991).	ב
	204	BERCOVICI et al., "Chronic Intravenous Injections of Antigen Induce and Maintain Tolerance in T Cell Receptor- Transgenic Mice," <u>Eur. J. Immunol.</u> 29:345-354 (1999).	
	212	BICKEL et al., "Site Protected, Cationized Monoclonal Antibody Against Beta Amyloid as a Potential Diagnostic Imaging Technique for Alzheomer's Diseases," Soc. for Neuroscience Abstracts 18:764 (1992).	
	176	BARD et al., "Peripherally administered antibodies against amyloid β-peptide enter the central nervous system and reduce pathology in a mouse model of Alzheimer disease," Nature Medicine, 6(8):916-919 (2000).	
	97	BLASS, John P., "Immunologic Treatment of Alzheimer's Disease," New England J. Medicine, 341(22):1694 (1999).	
	98	BODMER et al., "Transforming Growth Factor-Beta Bound to Soluble Derivatives of the Beta Amyloid Precursor Protein of Alzheimer's Disease," <u>Biochem. Biophys. Res. Comm.</u> , 171(2):890-897 (1990).	
	99	BORCHELT et al., "Accelerated Amyloid Deposition in the Brains of Transgenic Mice Coexpressing Mutant Presenilin 1 and Amyloid Precursor Proteins," Neuron, 19: 939-945 (1997).	
	100	BORIS-LAWRIE et al., "Recent advances in retrovirus vector technology," <u>Cur. Opin. Genet Develop.</u> , 3: 102-109 (1993).	С
	101	BRICE et al., "Absense of the amyloid precursor protein gene mutation (APP717 : Val->IIe) in 85 cases of early onset Alzheimer's disease," <u>J. Neurology, Neurosurg. Psychiatry</u> , 56:112-115 (1993).	С
	102	CHAO et al., "Transforming Growth Factor-β Protects human Neurons Against β-Amyloid-Induced Injury," <u>Soc.</u> <u>Neurosci. Abstracts</u> , 19:513.7 (1993).	
	213	CHEN et al. "An Antibody to β Amyloid Precursor Protein Inhibits Cell-substratum Adhesion in Many Mammalian Cell Types," Neuroscience Letters 125:223-226 (1991).	
	214	DEMATTOS et al., "Peripheral Anti Aβ Antibody Alters CNS And Plasma Aβ Clearance and Decreases Brain Aβ Burden in a Mouse Model of Alzheimer's Disease," Proc. Natl. Acad. Sci. USA, 10.1073/pnas.151261398 (2001).	
-	103	DUFF et al., "Mouse model made," Nature, 373: 476-477 (1995).	

Examiner	Date	
Signature	Considered	

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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Sheet 5 of 10

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Application Number	09/723,713		
Filing Date	November 27, 2000		
First Named Inventor	Schenk		
Group Art Unit	1647		
Examiner Name	Unassigned		
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ELIZAN et al., "Antineurofilament antibodies in a postencephalitic and idiopathic Parkinson's disease," <u>J. Ne Sciences,</u> 59:341-347 (1983).	
105	FELSENSTEIN et al., "Processing of the β-amyloid precursor protein carrying the familial, Dutch-type, and a novel recombinant C-terminal mutation," Neuroscience Letters, 152:185-189 (1993).
106	FINCH et al., "Evolutionary Perspectives on Amyloid and Inflammatory Features of Alzheimer Disease," Neurobiology of Aging, 17(5):809-815 (1996).
107	FISHER et al., "Expression of the amyloid precursor protein gene in mouse oocytes and embryos," PNAS, 88:1779-1782 (1991).
108	FLANDERS et al., "Altered expression of transforming growth factor-β in Alzheimer's disease," Neurology, 45:1561-1569 (1995).
210	FRIEDLAND et al., ""Development of an anti-Aβ monoclonal antibody for in vivo imaging of amyloid angiopathy in Alzheimer's disease," Mol. Neurology, 9:107-113 (1994).
109	GAMES et al., "Alzheimer-type neuropathology in transgenic mice overexpressing V717F β-amyloid precursor protein," <u>Nature</u> , 373(6514): 523-527 (1995).
215	GAMES et al., "Prevention and Reduction of AD-type Pathology in PDAPP Mice Immunized with Aβ ₁₋₄₂ ," <u>Annals of the New York Academy of Science</u> 920:274-84 (2000).
110	GANDY et al., "Amyloidogenesis in Alzheimer's disease: some possible therapeutic opportunities," <u>TiPS</u> , 13:108-113 (1992).
111	GASKIN et al., "Human antibodies reactive with beta-amyloid protein in Alzheimer's disease," <u>J. Exp. Med.,</u> 177:1181-1186 (1993).
112	GLENN et al., "Skin immunization made possible by cholera toxin," Nature, 391: 851 (1998).
113	GLENNER et al., "Alzheimer's Disease: Initial Report of the Purification and Characterization of a Novel Cerebrovascular Amyloid Protein," <u>Biochemical and Biophysical Research Communications</u> , 120(3): 885-890 (1994).
114	GLENNER et al., "Alzheimer's Disease and Downs Syndrome: Sharing of A Unique Cerebrovascular Amyloid Fibril Protein," <u>Biochemical and Biophysical Research Communications</u> , 122(3): 1131-1135 (1984).
115	GOATE et al., "Segregation of a missense mutation in the amyloid precursor protein gene with familial Alzheimer's disease," Nature, 349:704-706 (1991).
116	GOZES et al., "Neuroprotective strategy for Alzheimer disease: Intranasal administration of a fatty neuropeptide," PNAS, 93:427-432 (1996).
190	GRAVINA et al., "Amyloid β Protein (Αβ) in Alzheimer's Disease," <u>J. Biol. Chem.,</u> 270(13):7013-7016 (1995).
117	GUPTA et al., "Differences in the immunogenicity of native and formalized cross reacting material (CRM197) of diptheria toxin in mice and guinea pigs and their implications on the development and control of diphtheria vaccine based on CRMs," Vaccine, 15(12/13): 1341-1343 (1997).
118	HAGA et al., "Synthetic Alzheimer amyloid β/A4 peptides enhance production of complement C3 component by cultured microglial cells," Brain Research, 601:88-94 (1993).

Examiner		Date	
Signature	*	Considered	

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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119	HANES et al., "New advances in microsphere-based single-dose vaccines," <u>Advanced Drug Delivery Reviews</u> , 28: 97-119 (1997).
120	HARDY, "Amyloid, the presenilins and Alzheimer's disease," TINS, 20(4): 154-159 (1997).
121	HARDY, John, "New Insights into the Genetics of Alzheimer's Disease," Annals of Med., 28:255-258 (1996).
193	HARRINGTON et al., "Characterisation of an epitope specific to the neuron-specific isoform of human enolase recognised by a monoclonal antibody raised against a synthetic peptide corresponding to the C-terminus of β / A4-protein," Biochimica Biophysica Acta, 1158:120-128 (1993).
177	HELMUTH, L., "Further Progress on a β-Amyloid Vaccine," <u>Science</u> , 289:375 (2000).
122	HSIAO et al., "Correlative Memory Deficits, Aβ Elevation, and Amyloid Plaques in Transgenic Mice," Science, 274: 99-102 (1996).
123	HUBERMAN et al., "Correlation of cytokine secretion by mononuclear cells of Alzheimer's patients and their disease stage," <u>J. Neuroimmunology</u> , 52:147-152 (1994).
124	HYMAN et al., "Molecular Epidemiology of Alzheimer's Disease," N. E. J. Medicine, 333(19):1283-1284 (1995).
125	ITAGAKI et al., "Relationship of microglia and astrocytes to amyloid deposits of Alzheimer's disease," <u>J. Neuroimmunology</u> , 24:173-182 (1989).
192	IWATSUBO et al., "Visualization of Aβ42(43) and Aβ40 in Senile Plaques with End-Specific Aβ Monoclonals: Evidence That an Initially Deposited Species Is Aβ42(43)," Neuron, 13:45-53 (1994).
126	JANSEN et al., "Immunotoxins: Hybrid Molecules Combining High Specificity and Potent Cytotoxicity," Immun. Rev., 62: 185-216 (1982).
216	JOACHIM et al., "Antibodies to Non-beta Regions of the Beta-amyloid Precursor Protein Detect a Subset of Senile Plaques," Am. J. of Pathology 138:373-378 (1991).
127	KALARIA, R. N., "Serum amyloid P and related molecules associated with the acute-phase response in Alzheimer's disease," Res. Immunology, 143:637-641 (1992).
183	KATZAV-GOZANSKY et al., "Effect of monoclonal antibodies in preventing carboxypeptidase A aggregation," <u>Biotechnol. Appl. Biochem.</u> , 23:227-230 (1996).
128	KAWABATA et al., "Amyloid plaques, neurofibrillary tangles and neuronal loss in brains of transgenic mice overexpressing a C-terminal fragment of human amyloid precursor protein," Nature, 354:476-478 (1991).
195	KONIG et al., "Development and Characterization of a Monoclonal Antibody 369.2B Specific for the Carboxyl- Terminus of the βA4 Peptide," <u>Annals of NY Acad. Sci.</u> , 777:344-355 (1996).
129	LAMPERT-ETCHELLS et al., "Regional Localization of Cells Containing Complement C1q and C4 mRNAs in the Frontal Cortex During Alzheimer's Disease," Neurodegeneration, 2:111-121 (1993).
130	LANGER, "New Methods of Drug Delivery," Science, 249: 1527-1532 (1990).

Examiner	Date	
Signature	 Considered	

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Under the Paperwork Reduction Ac Complete if Known Substitute for form 1449A/PTO **Application Number** 09/723,713 INFORMATION DIS Filing Date November 27, 2000 STATEMENT BY A Schenk First Named Inventor Group Art Unit 1647 (use as many sheets as necessary) **Examiner Name** Unassigned 15270J-004741US Sheet Attorney Docket Number

	· · · · · · · · · · · · · · · · · · ·	
131	LANNFELT et al., "Alzheimer's disease: molecular genetics and transgenic animal models," <u>Behavioural Brain Res.</u> , 57:207-213 (1993).	
132	LEMERE et al., "Mucosal Administration of Aβ Peptide Decreases Cerebral Amyloid Burden In Pd-App Transgenic Mice," Society for Neuroscience Abstracts, vol. 25, part I, Abstract 519.6, 29th Annual Meeting, (October 23-28, 1999).	
133	LIVINGSTON et al., "The Hepatitis B Virus-Specific CTL Responses Induced in Humans by Lipopeptide Vaccination Are Comparable to Those Elicited by Acute Viral Infection," J. Immunol., 159: 1383-1392 (1997).	
134	LOPEZ et al., "Serum auto-antibodies in Alzheimer's disease," Acta. Neurol. Scand., 84:441-444 (1991).	_
218	MAJOCHA et al., "Development of a Monoclonal Antibody Specific for β/A4 Amyloid in Alzheimer's Disease Brain for Application to In Vitro Imaging of Amyloid Angiopathy," The J. of Nuclear Med. 33:2184-2189 (1992).	
217	MASTERS et al., "Amyloid Plaque core protein in Alzheimer Disease and Down Syndrome," <u>Proc. Natl. Acad. Sci. USA</u> , 82:4245-4249 (1985).	
135	MCGEE et al., "The encapsulation of a model protein in poly (D, L lactide-co-glycolide) microparticles of various sizes: an evaluation of process reproducibility," <u>J. Micro. Encap.</u> , 14(2): 197-210 (1997).	
136	MEDA et al., "Activation of microglial cells by β-amyloid protein and interferon-γ," Nature, 374:647-650 (1995).	
137	MILLER et al., "Antigen-driven Bystander Suppression after Oral Administration of Antigens," <u>J. Exp. Med.</u> , 174:791-798 (1991).	
206	MORI et al., "Mass Spectrometry of Purified Amyloid β Protein in Alzheimer's Disease," <u>J. Biol. Chem.</u> , 267(24):17082-17088 (1992).	
191	MURPHY et al., "Development of a Monoclonal Antibody Specific for the COOH-Terminal of β-Amyloid 1-42 and Its Immunohistochemical Reactivity in Alzheimer's Disease and Related Disorders," Am. J. Pathology, 144(5):1082-1088 (1994).	
138	NATHANSON et al., "Bovine Spongiform Encephalopathy (BSE): Causes and Consequences of a Common Source Epidemic," <u>Am. J. Epidemiol.</u> , 145(11): 959-969 (June 1, 1997).	
139	New York Times National, "Anti-Inflammatory Drugs May Impede Alzheimer's," (2/20/94).	
140	PARESCE et al., "Microglial cells influence aggregates of the Alzheimer's disease amyloid beta-protein via a scavenger receptor," Neuron, 17:553-565 (September 1996).	
141	PAUL et al., "Transdermal immunization with large proteins by means of ultradeformable drug carriers," <u>Eur. J. Immunol.</u> , 25: 3521-3524 (1995).	
142	PRIEELS et al., "Synergistic adjuvants for vaccines," Chemical Abstracts, 120(8): pg. 652, column 1, abstract 86406t (1994).	
143	QUON et al., "Formation of β-Amyloid protein deposits in brains of transgenic mice," Nature, 352:239-241 (1991).	
. 144	RASO, V.A., Grant application # 1 R43 AGI 5746-01, (publication date unknown).	
		

Examiner	Date
Signature	Considered

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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INFORMATION DISCLOSURE STATEMENT BY APPE

Complete if Known **Application Number** 09/723,713 November 27, 2000 Filing Date First Named Inventor Schenk Group Art Unit 1647 **Examiner Name** Unassigned 15270J-004741US

(use as many sheets as necessary)

Sheet Attorney Docket Number

145	RASO, "Immunotherapy of Alzheimer's Disease," Immunotherapy Weekly, Abstract (April 2, 1998).	
146	ROGERS et al., "Complement activation by β-amyloid in Alzheimer Disease," <u>PNAS</u> , 89:1-5 (1992).	
147	ROSSOR et al., "Alzheimer's Disease Families with Amyloid Precursor Protein Mutations," Annals of New York Academy of Sciences, 695:198-202 (1993).	
209	RUDINGER, "Characteristics of the Amino Acids as Components of a Peptide Hormone Sequence," in <u>Peptide Hormones</u> , J.A. Parson, ed. University Park Press, Baltimore, pp 1-7 (1976).	
189	SAIDO et al., "Spatial Resolution of Fodrin Proteolysis in Postischemic Brain," <u>J. Biol. Chem.</u> , 268(33):25239-25243 (1993).	
194	SAIDO et al., "Spatial Resolution of the Primary β-Amyloidogenic Process Induced in Postischemic Hippocampus," <u>J.</u> <u>Biol. Chem.</u> , 269(21):15253-15257 (1994).	
178	SCHENK et al., "Therapeutic Approaches Related to Amyloid-β Peptide and Alzheimer's Disease," <u>J. Med. Chem.,</u> 38(21):4141-4154 (1995).	
148	SCHENK et al., "Immunization with amyloid-β attenuates Alzheimer-disease-like pathology in the PDAPP mouse," Nature, 400:173-177 (1999).	
149	SELKOE, D.J., "Imaging Alzheimer's Amyloid," Nat. Biotech., 18:823-824 (2000).	
150	SELKOE, "Alzheimer's Disease: A Central Role for Amyloid," <u>J. Neuropathol. Exp. Neurol.</u> , 53(5): 438-447 (1994).	
151	SELKOE, "Physiological production of the β-amyloid protein and the mechanism of Alzheimer's disease," <u>Trends in Neurosciences</u> , 16(10): 403-409 (1993).	
. 152	SELKOE, Dennis J., "Amyloid Protein and Alzheimer's Disease," <u>Scientific American</u> , pgs. 68-78 (November, 1991).	
153	SELKOE, Dennis J., "In the Beginning," Nature, 354:432-433 (1991).	
154	SELKOE, Dennis J., "The Molecular pathology of Alzheimer's Disease," Neuron, 6:487-498 (1991).	
155	SELKOE, Dennis J., "Alzheimer's Disease: Genotypes, Phenotype, and Treatments," <u>Science</u> , 275:630-631 (1997).	
156	SEUBERT et al., "Isolation and quantification of soluble Alzheimer's β-peptide from biological fluids," <u>Nature</u> , 359: 325-327 (1992).	
157	SHIOSAKA, S., "Attempts to make models for Alzheimer's disease," Neuroscience Res., 13:237-255 (1992).	
158	SMITS et al., "Prion Protein and Scrapie Susceptibility," Vet. Quart., 19(3): 101-105 (1997).	

Examiner	Date
Signature	Considered

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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Sheet

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Application Number	09/723,713	
Filing Date November 27, 2000		
First Named Inventor	Schenk	
Group Art Unit	1647	
Examiner Name	Unassigned	
Attorney Docket Number	15270J-004741US	

159	SOLOMON et al., "Disaggregation of Alzheimer β-amyloid by site-directed mAb," PNAS, 94:4109-4112 (1997).
160	SOLOMON et al., "Monoclonal antibodies inhibit in <i>vitro</i> fibrillar aggregation of the Alzheimer β-amyloid peptide," <u>PNAS</u> , 93:452-455 (1996).
161	SOLOMON, A., "Pro-Rx (Protein Therapeutics)," University of Tennessee Medical Center (publication date unknown).
162	SOLOMON, B., "New Approach Towards Fast Induction of Anti β-Amyloid Peptide Immune Response," Department of Molecular Microbiology & Biotechnology, Tel-Aviv University, Ramat Aviv, Tel-Aviv, Israel (publication date unknown).
182	SOLOMON et al., "Inhibitory effect of monoclonal antibodies on Alzheimer's β-amyloid peptide aggregation," Int. J. Exp. Clin. Invest., 3:130-133 (1996).
184	SOLOMON et al., "Thermal Stabilization of Carboxypeptidase A as a Function of PH and Ionic Milieu," <u>Biochem. Mol. Biol. Int.</u> , 43(3):601-611 (1997).
185	SOLOMON et al., "Modulation of The Catalytic Pathway of Carboxypeptidase A by Conjugation with Polyvinyl Alcohols," Adv. Mol. Cell Biology, 15A:33-45 (1996).
186	SOLOMON et al., "Activity of monoclonal antibodies in prevention of in vitro aggregation of their antigens," abstract from Department of Molecular Microbiology and Biotechnology, Tel Aviv University, Tel Aviv, Israel (publication date unknown).
179	SOUTHWICK et al., "Assessment of Amyloid β protein in Cerebrospinal fluid as an Aid in the Diagnosis of Alzheimer's Disease," J. Neurochemistry, 66:259-265 (1996).
163	STOUTE et al., "A Preliminary Evaluation of a Recombinant Circumsporozoite Protein Vaccine Against <i>Plasmodium Falciparum</i> Malaria", N. Engl. J. Med., 336(2): 86-91 (1997).
164	STURCHLER-PIERRAT et al., "Two amyloid precursor protein transgenic mouse models with Alzheimer disease-like pathology," PNAS, 94: 13287-13292 (1997).
165	TANAKA et al., "NC-1900, an active fragment analog of arginine vasopressin, improves learning and memory deficits induced by beta-amyloid protein in rats," European J. Pharmacology , 352:135-142 (1998).
166	TRIEB et al., "Is Alzheimer beta amyloid precursor protein (APP) an autoantigen? Peptides corresponding to parts of the APP sequence stimulate T lymphocytes in normals, but not in patients with Alzheimer's disease," lmmunobiology.191(2-3):114-115 Abstract C.37, (1994).
167	VAN GOOL et al., "Concentrations of amyloid-β protein in cerebrospinal fluid increase with age in patients free from neurodegenerative disease," Neuroscience Letters, 172:122-124 (1994).
168	VERBEEK et al., "Accumulation of Intercellular Adhesion Molecule-1 in Senile Plaques in Brain Tissue of patients with Alzheimer's Disease," <u>Amer. Journ. Pathology</u> , 144(1):104-116 (1994).
169	WALKER et al., "Labeling of Cerebral Amyloid <i>In Vivo</i> with a Monoclonal Antibody," <u>J. Neuropath. Exp. Neurology</u> . 53(4):377-383 (1994).
180	WEINER et al., "ORAL TOLERANCE: Immunologic Mechanisms and Treatment of Animal and Human Organ- Specific Autoimmune Diseases by Oral Administration of Autoantigens," <u>Annu. Rev. Immunol.</u> , 12:809-837 (1994).
170	WEISSMANN et al., "Bovine spongiform encephalopathy and early onset variant Creutzfeldt-Jakob disease," Curr.Opin.Neurobiol , 7: 695-700 (1997).

Examiner	Date
Signature	Considered



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Sheet

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Filing Date	November 27, 2000	
First Named Inventor	Schenk	
Group Art Unit	1647	
Examiner Name	Unassigned	
Attorney Docket Number	15270J-004741US	

171	WEN, G.Y., "Alzheimer's Disease and Risk Factors," J. Food Drug Analysis, 6(2):465-476 (1998).
172	WENGENACK et al., "Targeting Alzheimer amyloid plaques in vivo," Nature Biotech., 18:868-824 (2000).
219	WONG et al., "Neuritic Plaques and Cerebrovascular Amyloid in Alzheimer Disease are Antigenically Related," Proc. Natl. Acad. Sci. USA, 82:8729-8732 (1985).
173	WOOD et al., "Amyloid precursor protein processing and Aβ42 deposition in a transgenic mouse model of Alzheimer disease," PNAS, 94: 1550-1555 (1997).
174	Human Immunology & Cancer Program brochure, from The University of Tenessee Medical Center/ Graduate School of Medicine, Knoxville, Tennessee (publication date unknown).

Examiner	Date	Ì
Signature	Considered	

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